



Full-Time Pathway to Success

School of Manufacturing, Engineering, and Information Technology

Building Trades - Carpentry (31-475-1)

Technical Diploma

Effective 2020/2021

The course sequence shown on this sheet is the recommended path to completion. Courses will be scheduled in the terms indicated here. All courses should be taken in the order shown to help you stay on track and graduate according to your academic plan.

K-D = Kenosha/days, F=Fall, S=Spring, SU=Summer

Term	Course #	Cr.	Course Title	Requisites (prereq- before/ coreq-with)	K-D
1	890-155	1	📍 Gateway to Success (G2S)		F
1	*475-300	3	Building Construction, Intro		F
1	*475-302	2	🎓 Residential Print Reading	Coreq: 804-370	F
1	*475-303	3	🎓 Framing Techniques 1		F
1	804-370	2	Mathematics I / Applied ²	Prereq: 854-760	F
2	*475-301	5	Building Construction, Fundamentals		S
2	442-314	2	Welding, Fundamentals of		S
2	*475-304	1	Commercial Print Reading	Prereq: 475-302; Coreq: 801-301	S
2	801-301	1	Writing Principles ²	Prereq: 851-760	S
2	801-302	1	Speaking Principles		S
3	*475-305	3	Framing Techniques 2	Prereq: 475-303; 804-370	SU
3	*475-306	3	Exterior Trim	Prereq: 475-301; 475-302	SU
3	*475-307	5	Interior Trim	Prereq: 475-301; 475-302	SU

Minimum Program Total Credits Required: 32

Notes associated with courses (identified by a superscript number at the end of the course title) are located on the back of the sheet.

📍 Mastery of this course will put students on a path to achieve successful degree completion, on-time graduation, and enrich the college experience. Students are required to take this course in their first semester of enrollment. Please see an advisor for details.

🎓 = Milestone Course. Faculty have identified this course as providing a strong foundation for success throughout the program.

(*) indicates students must achieve a combined average of 2.0 ("C") or above for these major courses to meet graduation requirements.

Building Trades - Carpentry (31-475-1)

The *Building Trades - Carpentry* program provides the student with the knowledge and skills necessary for job success in the industry. Fundamentals of industry materials, building design, and layout operation are taught in the classroom. The use of hand and power tools is developed in the shop. Construction techniques are developed in the shop. Related mathematics, blueprint reading and welding are included in the training.

Program Learning Outcomes

Graduates will be able to:

1. Practice construction safety principles.
2. Operate construction related tools.
3. Evaluate construction prints and drawings.
4. Construct building systems.
5. Apply construction measurement principles to building applications.
6. Calculate materials needed to complete a specified job.
7. Evaluate a finished job for quality of product.

Essential Career Competencies

Gateway's six essential career competencies are the general attitudes and skills promoted and assessed by all programs. All Gateway graduates will develop skills in:

- Communication Competence
- Professionalism and Career Management
- Cultural Competence
- Critical Thinking and Problem Solving
- Teamwork and Collaboration
- Technology Competence

Admission Requirements

1. Students must submit an application and pay \$30 fee.
2. Students must meet one of the following: minimum high school GPA of 2.6, minimum college GPA of 2.0, or complete valid reading, writing, and math placement assessments.

Graduation Requirements

1. Minimum 32 credits with an average of 2.0 or above.
2. *Average of 2.0 ("C") or above for these major courses.
3. Complete 890-155 Gateway to Success (G2S) in the first semester.

For a complete list of Graduation Requirements, check the Student Handbook or [Graduation Requirements](#).

Notes

1. Students will be required to purchase a variety of personal safety items that will be utilized throughout the program.
2. A satisfactory placement test score (or successful remediation) is required prior to enrollment. See an advisor for details.

Gateway Technical College reserves the right to modify curriculum requirements for students who interrupt enrollment for a period of two years or take over seven years to complete. Tuition and material fees are determined by the board of the Wisconsin Technical College System. Consult My Gateway for exact fee amounts. Occasionally, the District may offer a particular course out of published sequence. By doing so, the District does not obligate itself to offer succeeding courses out of published sequence.